

Title (en)

APPARATUS FOR FORMING A PULSED STREAM OF PARTICLES FOR APPLICATION TO A FIBROUS WEB

Title (de)

VORRICHTUNG ZUR HERSTELLUNG EINES PULSIERENDEN STROMES ZUM AUFTRAG AUF EINE FASERBAHN

Title (fr)

APPAREIL DE FORMATION D'UN FLUX PULSE DE PARTICULES DESTINE A ETRE APPLIQUE A UNE NAPPE FIBREUSE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO9613335A1] The present invention provides a method and apparatus for forming a pulsed stream of discrete particles of absorbent material. The apparatus comprises a particle metering apparatus (80) for providing a stream (82) of particles having a predetermined mass flow rate, an ejector having an acceleration air nozzle (130) for accelerating the stream of particles, at least one deceleration air nozzle (210), and valving (400) for alternately directing air through the acceleration and deceleration nozzles. The apparatus can be used to form a fibrous web having a predetermined variation in basis weight of absorbent material along the length of the web.

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